

PRECLINICAL PSYCHOLOGY

SPS Certificate website: <https://sps.northwestern.edu/premedicine-prohealth/preclinical-psychology/>

The Preclinical Psychology post-baccalaureate certificate program consists of nine psychology courses required for application to most graduate programs awarding either the doctor of psychology in clinical psychology (PsyD) or the doctor of philosophy in clinical psychology (PhD). While this program meets minimal requirements for application to clinical psychology graduate programs in the Chicago area, students are strongly advised to confirm the admission requirements of the graduate schools in which they are interested before enrolling to ensure that the SPS program will fulfill their needs. This program is designed for career changers who do not have an extensive background in science. Students who need only some of these courses may register as students-at-large (<https://sps.northwestern.edu/part-time-undergraduate/student-at-large/>) or meet with an adviser to design a customized certificate, but will not be eligible for financial aid.

Certificate Offered

- Preclinical Psychology, Certificate (<https://catalogs.northwestern.edu/sps/certificates/post-baccalaureate/preclinical-psychology/preclinical-psychology-certificate/>)

Preclinical Psychology Courses

PSYCH 110-CN Introduction to Psychology (1 Unit)

A survey course reviewing primary psychological research and theories of human behavior. Carries social science credit.

PSYCH 111-CN Introduction to Psychology (1 Unit)

NPEP course.

PSYCH 201-CN Statistical Methods in Psychology (1 Unit)

Measurement; descriptive statistics; probability and sampling; T-test, ANOVA, correlation, and regression. May not be audited. Carries social science or science credit.

Prerequisite: PSYCH 110-CN and high school algebra.

PSYCH 202-CN Statistical Methods in Psych (1 Unit)

NPEP course.

PSYCH 205-CN Research Methods in Psychology (1 Unit)

Methods of psychological research; experimental design; reliability and validity; review and application of statistics; execution and reporting of psychological research. May not be audited. Carries social science credit.

Prerequisite: PSYCH 201-CN.

PSYCH 212-CN Introduction to Neuroscience (1 Unit)

Designed for students with no prior coursework in neuroscience or biology. Neurophysiology and neuroanatomy; neuroscience of perception, emotion, morality, memory, mental illness, and consciousness. Carries science credit.

PSYCH 213-CN Social Psychology (1 Unit)

Psychological processes underlying social behavior; topics include social cognition, attraction, aggression, prejudice, and behavior in groups. Carries social science credit.

Prerequisite: PSYCH 110-CN.

PSYCH 215-CN Psychology of Personality (1 Unit)

Nature of personality and its development. Modern theoretical interpretations. Biological and social bases of individual differences. Carries social science credit.

Prerequisite: PSYCH 110-CN.

PSYCH 228-CN Cognitive Psychology (1 Unit)

Introduction to research into mental processes such as memory, reasoning, problem solving, and decision making. Carries science or social science credit.

Prerequisite: PSYCH 110-CN.

PSYCH 244-CN Developmental Psychology (1 Unit)

Development of cognitive, social, and other psychological functions. Carries social science credit.

Prerequisite: PSYCH 110-CN.

PSYCH 303-CN Psychopathology (1 Unit)

Understanding the nature of psychological, emotional, and behavioral disorders. Emphasis on current evidence regarding causes and characteristics of these disorders. Carries social science credit.

Prerequisite: PSYCH 110-CN.

PSYCH 306-CN Introduction to Clinical Psychology (1 Unit)

Definition and history of clinical psychology, personality theory in clinical psychology, diagnosis and classification of disorders, assessment, psychotherapy, and ethical issues. Carries social science credit.

Prerequisite: PSYCH 110-CN. Completion of PSYCH 303-CN is recommended.

PSYCH 309-CN Topics in Social/Clinical/Personality Identity Development (1 Unit)

NPEP course.

PSYCH 310-CN Special Topics in Social/Clinical/Personality (1 Unit)

Topics vary. May be repeated for credit with different topic.

PSYCH 313-CN Relationship Science (1 Unit)

Social-psychological analysis of close relationships, with an emphasis on romantic relationships. Interpersonal processes associated with relationship formation, development, and dissolution. Carries social science credit.

Prerequisite: PSYCH 110-CN.

PSYCH 317-CN The Holocaust: Psychological Themes & Perspectives (1 Unit)

Explores how particular psychological theories and concepts inform understanding of the events of the Holocaust. Includes material from fields of social and clinical psychology.

Prerequisite: PSYCH 110-CN.

PSYCH 324-CN Perception (1 Unit)

Human perception, particularly vision but also hearing, taste, smell, and touch. Biological foundations, development, and disorders of perception. The senses in everyday life. Carries science or social science credit.

Prerequisite: PSYCH 110-CN.

PSYCH 330-CN Special Topics in Cognition/Neuroscience (1 Unit)

Topics vary. May be repeated for credit with different topic.

PSYCH 340-CN Psychology and Law (1 Unit)

Examines the application of psychology to law, including topics such as the insanity defense, criminal profiling, eyewitness testimony, and interrogation. Carries social science credit.

Prerequisite: PSYCH 110-CN.

PSYCH 342-CN Evolutionary Psychology (1 Unit)

Theory, methodology, and empirical data related to how evolution has influenced human psychology and behavior. Emphasis on mating. Carries science or social science credit.

Prerequisite: PSYCH 110-CN.

PSYCH 343-CN Psychology of Beauty (1 Unit)

Theory, methodology, and empirical data related to the psychological impact of human beauty. Emphasis on both cultural and evolutionary perspectives. Carries social science credit.

Prerequisite: PSYCH 110-CN.

PSYCH 344-CN Cultural Psychology (1 Unit)

Introduction to concepts and empirical methods used to study how culture shapes mind, brain, and behavior over multiple time scales, including over generations and the lifespan and across situational contexts. Carries social science credit.

Prerequisite: PSYCH 110-CN.

PSYCH 350-CN Topics in Psychology (1 Unit)

Topics vary. May be repeated for credit with different topic.

PSYCH 354-CN Deception: Processes and Detection (1 Unit)

Multiple perspectives on truth and deception. Exposure to clinical and psycho physiological work on lying, malingering, and styles of deceit. Theories and methods in lie detection.

Prerequisite: PSYCH 110-CN.

PSYCH 366-CN Stereotyping & Prejudice (1 Unit)

Analysis of the causes and consequences of stereotyping and prejudice, as well as methods used to study these issues. Students conduct original research. Carries social science credit.

Prerequisite: PSYCH 205-CN.

PSYCH 367-CN Child Psychopathology (1 Unit)

Major forms of psychopathology present during childhood, including disorders exclusive to childhood and those that may appear during any developmental period. Developmental models of the etiology and course of major psychopathologies. PSYCH 205-CN; PSYCH 244-CN or PSYCH 303-CN.

PSYCH 369-CN Psychological Tests & Measures (1 Unit)

Explores the science of psychological assessment, including its history, test construction and evaluation, and common measures of personality, psychopathology, and ability. Students create and evaluate their own psychological measures. Carries social science credit.

Prerequisite: PSYCH 110-CN.

PSYCH 373-CN Decision Making (1 Unit)

Human decision making from both descriptive and prescriptive perspectives. Theories and models of decision making applied to a variety of contexts.

Prerequisite: PSYCH 205-CN, PSYCH 228-CN.

PSYCH 374-CN Human Memory (1 Unit)

Scientific study of human memory, including memory systems of the brain, amnesia, remembering, forgetting, encoding, consolidation, memory suppression, and memory distortion. Emphasizes original research reports in cognitive neuroscience. PSYCH 205-CN; or consent of instructor.

PSYCH 399-CN Independent Study (1 Unit)